

Field Pea (Yellow Seed)

Yield as % of Carrera **

Variety	***Designated Powdery Mildew Resistant	Dawson Creek				Fort St. John				B.C. Peace			
		2003 Yield		1999-2003		2003 Yield		1999-2003		2003	1999-2003		
		bus /	% of	Avg.	Stn.	bus /	% of	Avg.	Stn.	Avg.	Avg.	Stn.	
		acre	check	(%)	Yrs.	acre	check	(%)	Yrs.	(%)	(%)	Yrs.	
Carneval		78 ab	96	98	[3]	71 b-e	87	86	[4]	92	92	[7]	
Carrera		81 a	100	100	[4]	82 a	100	100	[5]	100	100	[9]	
CDC Bronco*	yes	80 ab	98	98	[1]	68 cde	83	83	[1]	91	91	[2]	
CDC Golden*	yes	69 c-f	85	85	[1]	72 b-e	88	88	[1]	86	86	[2]	
CDC Minuet (Last tested 2001)	yes	74 a-d	91	81	[2]	71 b-e	88	84	[3]	89	83	[5]	
Cutlass*	yes	80 ab	98	98	[1]	75 a-d	92	92	[1]	95	95	[2]	
DELTA		76 abc	94	89	[4]	73 a-e	89	96	[5]	91	93	[9]	
DS-Admiral	yes	65 def	80	87	[3]	75 a-d	92	94	[3]	86	90	[6]	
DS-Stalworth	yes	64 ef	78	88	[3]	76 a-d	93	92	[4]	86	90	[7]	
Eclipse	yes	79 ab	98	94	[3]	81 ab	99	94	[4]	98	94	[7]	
SW BRAVO		73 a-d	90	83	[4]	67 de	81	86	[5]	86	85	[9]	
SW CAPRI		71 b-f	88	84	[2]	76 abc	93	95	[2]	90	89	[4]	
SW CIRCUS		72 b-e	89	90	[2]	67 cde	82	91	[2]	86	90	[4]	
SW SALUTE		72 b-e	89	92	[3]	63 e	78	91	[3]	83	92	[6]	
Swing		68 c-f	84	91	[4]	73 a-e	89	96	[5]	86	93	[9]	
Topeka	yes	77 ab	95	90	[3]	63 e	77	81	[3]	86	86	[6]	
LSD (P=.05) =		8.77				9.54							
CV value (%) =		8.44				9.38							

Varieties not tested in 2003 (Averages 1999-2002)

Last Year Tested

Alfetta				75	[1]			100	[1]	(2002)	88	[2]
Cobra				96	[2]			95	[3]	(2001)	96	[5]
CROMA				91	[1]			96	[1]	(2002)	93	[2]
Integra				97	[2]			95	[3]	(2001)	96	[5]
MARIBU				87	[2]			97	[2]	(2002)	92	[4]
MIAMI				94	[2]			95	[3]	(2001)	94	[5]
NICOLE				94	[2]			92	[3]	(2001)	93	[5]

Means followed by the same letter do not significantly differ (P=.05, LSD)

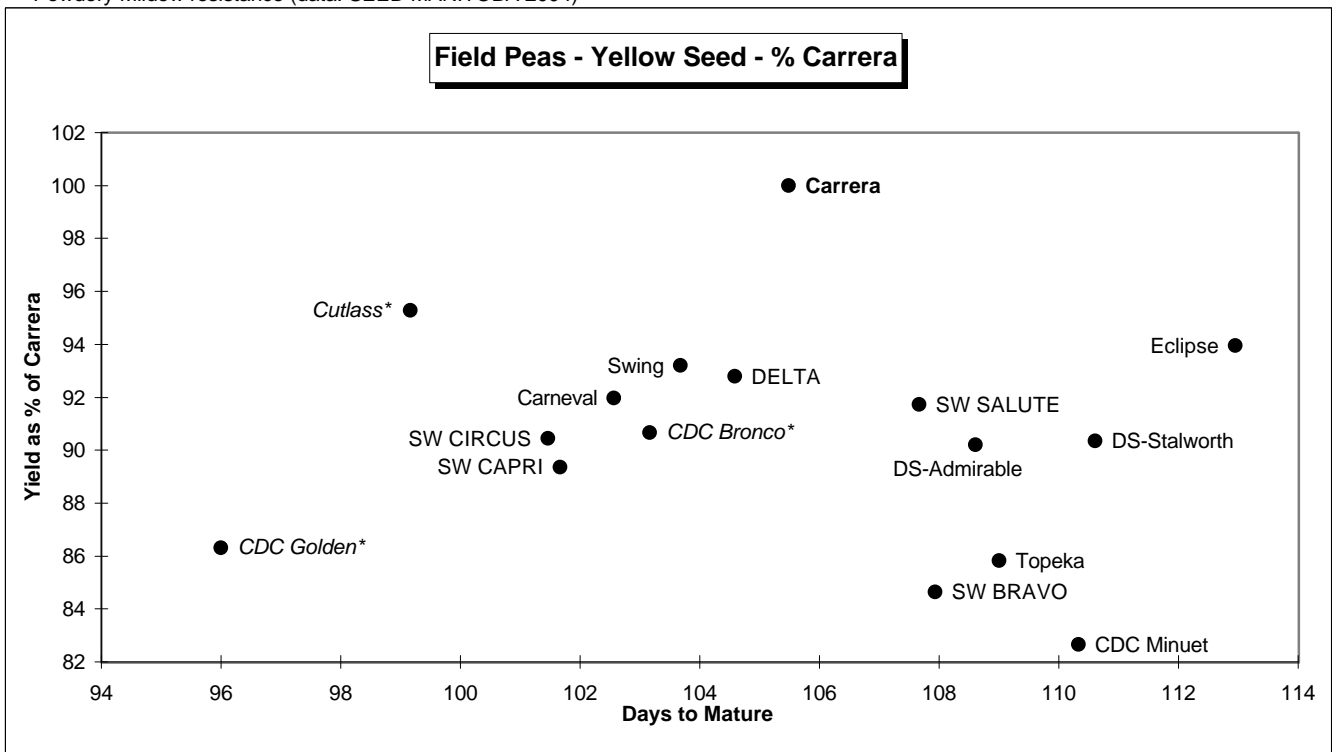
* first year tested, very limited data available.

**New check variety as of 2001. Historical data on this page has been updated to reflect this change.

See Page 30 for more extensive listing of varieties no longer tested as compared against Carneval.

***Powdery Mildew resistance (data: SEED MANITOBA 2004)

Carrera - check variety



Field Pea (Green Seed)

Yield as % of Nitouche **

Variety	***Designated Powdery Mildew Resistant	Dawson Creek				Fort St. John				B.C. Peace		
		2003 Yield		1999-2003		2003 Yield		1999-2003		2003	1999-2003	
		bus /	% of	Avg.	Stn.	bus /	% of	Avg.	Stn.	Avg.	Avg.	Stn.
		acre	check	(%)	Yrs.	acre	check	(%)	Yrs.	(%)	(%)	Yrs.
Careneval (yellow pea)		73 b	116	103	[3]	76 ab	111	109	[3]	113	106	[6]
CDC Striker*		63 ef	101	101	[1]	67 bc	98	98	[1]	100	100	[2]
Espace		66 de	106	100	[4]	76 ab	111	110	[5]	108	105	[9]
Logan		62 f	98	95	[3]	69 abc	101	99	[4]	100	97	[6]
Madoc		70 bcd	111	107	[2]	71 ab	104	106	[2]	108	106	[4]
Millenium		72 bc	115	108	[3]	78 a	114	109	[4]	114	108	[7]
Nessie*		69 cd	110	110	[1]	71 ab	103	103	[1]	107	107	[2]
Nitouche		63 ef	100	100	[4]	69 abc	100	100	[5]	100	100	[9]
Stratus	yes	87 a	138	115	[3]	51 d	74	80	[3]	106	98	[6]
TOLEDO		61 f	97	95	[4]	69 abc	101	96	[5]	99	95	[9]
LSD (P=.05) =		3.74				10.42						
CV value (%) =		3.77				10.5						
<u>Most recent varieties not tested in 2003 (Averages 1999-2002)</u>												
BLUEBIRD	yes			88	[2]			85	[2]	(2002)	86	[4]
CDC Montero	yes			63	[1]			72	[1]	(2001)	68	[2]
Cruiser*				99	[1]			107	[1]	(2002)	103	[2]
DS-Dominator *	yes			21	[1]			52	[2]	(2001)	37	[3]
FABIA				110	[2]			105	[2]	(2002)	108	[4]
SCUBA				88	[2]			99	[3]	(2001)	94	[5]
SW PARADE	yes			93	[2]			98	[3]	(2001)	95	[5]
Venture				100	[1]			96	[2]	(2001)	98	[3]

Means followed by the same letter do not significantly differ (P=.05, LSD)

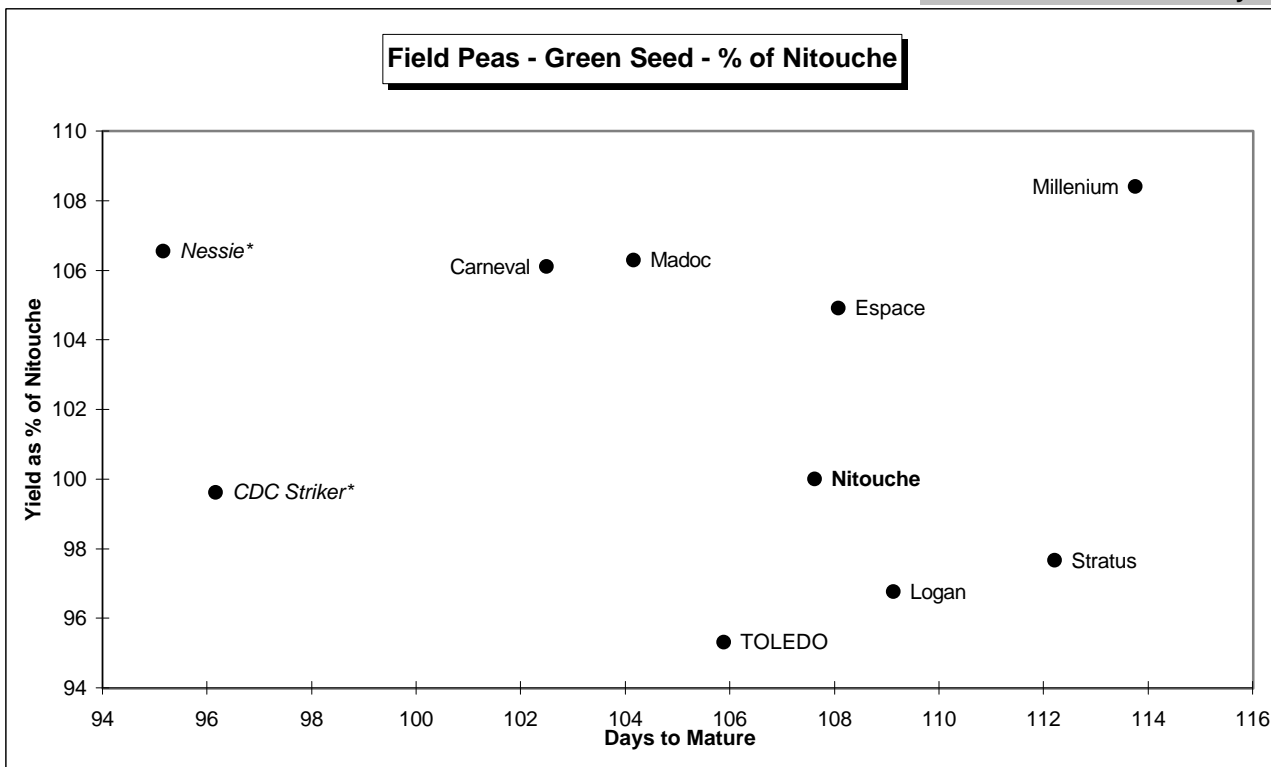
* first year tested, very limited data available

**New check variety as of 2001. Historical Data has been updated to reflect this change as of 1999.

See Page 30 for more extensive listing of varieties no longer tested as compared against Carneval.

*** Powdery Mildew Resistance Designation data: SEED MANITOBA 2004

Nitouche - check variety



Field Peas		Variety Descriptions							
Variety	B.C.Peace Averages			1997-		DC Site 2001-2003			Distributor
	Days to Mature	1996-2003		2003	2001	0-9 scale (0=nil)**			
		Height cm	Lodging 0-9(flat)	1000 k grams	Protein %	Mycosphaerella Blight	Powdery Mildew		
Yellow Seed									
■ Carneval	103	72	1.7	235		1.0	2.9	Bonis & Co	
■ Carrera	105	54	2.7	282	26.7	3.8	3.6	Canseed	
■ CDC Bronco*	103	74	1.8	251			0.0	Sask Pulse Growers	
■ CDC Golden*	96	78	2.6	244			0.7	Sask Pulse Growers	
■ CDC Minuet	110	78	3.6	206	26.5	3.7	0.0	Sask Pulse Growers	
■ Cutlass*	99	77	2.0	269			0.3	AAFRD	
■ DELTA	105	61	2.2	258	27.3	3.5	3.7	Quality Assured	
■ DS-Admiral	109	80	2.4	265	26.6	2.0	0.2	Agriprogress	
■ DS-Stalwarth	111	78	2.2	256	26.0	2.8	1.3	Agriprogress	
■ Eclipse	113	74	1.4	271	22.9	2.8	0.4	Quality Assured	
■ SW BRAVO	108	70	1.3	267	27.0	2.6	3.6	Bonis & Co	
□ SW CAPRI	102	71	0.8	236		2.3	4.0	Bonis & Co	
□ SW CIRCUS	101	70	1.8	251		2.0	3.8	Bonis & Co	
□ SW SALUTE	108	77	3.9	247	26.2	2.7	0.0	Bonis & Co	
■ Swing	104	66	3.4	261	26.3	2.8	4.2	Canseed	
□ Topeka	109	61	4.7	292	26.2	2.8	0.5	Canterra	
Green Seed									
■ Carneval (y)	103	70	1.7	237		1.0	2.0	Bonis & Co	
■ CDC Striker*	96	78	1.6	251			5.7	Sask Pulse Growers	
■ Espace	108	66	2.0	242	25.7	2.3	4.5	Bob Park	
■ Logan	109	75	0.9	196	27.0	2.3	3.6	Agricore United	
■ Madoc	104	61	0.8	289		1.0	2.9	Terramax	
■ MILLENNIUM	114	54	2.1	277	27.3	3.2	3.1	Terramax	
□ Nessie*	95	73	2.1	270			3.8	Bonis & Co	
■ Nitouche	108	72	2.0	286	27.3	3.5	4.3	Canseed	
□ Stratus	112	61	3.5	294	27.2	4.2	0.8	Canterra	
■ TOLEDO	106	67	2.0	292	26.7	3.3	3.0	Canterra	
Varieties not tested in 2003 (Averages 1997-2002)									
■ Alfetta	107	55	2	331		2.0	2.0	Quality Assured	
□ BLUEBIRD (g)	114	55	3	275	26.2	3.2	0.2	Bob Park	
■ CDC Montero (g)	117	76	5	206	27.0	4.0	3.0	Sask Pulse Growers	
■ Cobra	109	68	3	240	26.5	3.7	3.0	Agriprogress	
■ CROMA	107	44	3	309		2.3	5.2	Canterra	
■ Cruiser (g)	110	59	0	248		1.7	2.5	Canterra	
■ DS-Dominator (g)	120	72	2	209	24.9	3.3	0.0	Agriprogress	
■ FABIA (g)	118	75	1	256	26.1	2.3	4.3	Bob Park	
■ Integra	106	68	2	278	26.5	3.0	1.7	Bob Park	
□ MARIBU	118	73	2	283	25.5	2.5	2.3	Bob Park	
■ MIAMI	106	66	2	244	26.4	3.3	4.7	Advanta	
■ NICOLE	106	44	4	273	26.3	5.3	2.3	Advanta	
■ SCUBA (g)	110	68	2	231	26.4	4.0	4.0	Advanta	
■ SW PARADE (g)	111	64	4	203	26.7	4.0	2.7	Bonis & Co	
■ Venture (g)	120	76	3	229	26.3	5.0	4.5	Johnson Seeds	

Some varieties may not be suitable for the human consumption market. Producers should contact their intended buyer/processor before seeding to ensure the marketability of specific varieties. Many green seeded varieties will bleach if exposed to periods of wetting and drying in the field near harvest. Uncleaned, damaged seed is considered to be low quality and is only suitable for the feed market. The amount of seed coat damage suffered during harvest varies with variety. Splitting may be reduced if peas are harvested tough (20% moisture) & dried slowly in an aeration bin.

□ Protection under Plant Breeders' Rights applied for

■ Protected by Plant Breeders' Rights

** 0 - 9 scale; 0 = none, 9 = 100% affected

* first year tested, very limited data available